

In the Claims

Please amend the claims as follows:

1. (original) An image capture device, comprising:  
an illumination source;

5 a thermal model of said illumination source that  
determines a temperature of said illumination source;  
a light output model of said illumination source that  
determines a light output of said illumination source from  
said temperature; and,

10 an exposure adjustment that is changed to compensate for  
changes in said illumination source as indicated by said model  
output.

2-7. (cancelled)

8. (original) A method of compensating for changes in an  
15 illumination source, comprising:

determining a temperature of said illumination source;  
determining a light output of said illumination source  
from said temperature; and, adjusting an exposure to  
compensate for changes in said illumination source as  
20 indicated by said light output.

9-12. (cancelled)

13. (original) An article of manufacture comprising a  
program storage medium having computer readable program code  
means embodied therein for causing the adjustment of an  
25 exposure, the computer readable program code means in said  
article of manufacture comprising:

computer readable program code means for causing a

computer to determine an indication of a temperature of an illumination source;

5 computer readable program code means for causing a computer to determine an indication of brightness of said illumination source from said indication of said temperature; and,

computer readable program code means for causing said computer to adjust said exposure based on said indication of said illumination sources brightness.

10 14-19. (cancelled)

20. (original) An image capture device, comprising:  
illumination means;

15 thermal modeling means, said thermal modeling means producing a thermal modeling means output that is indicative of said illumination means temperature;

20 brightness modeling means, said brightness modeling means producing a brightness modeling means output that is indicative of said illumination means brightness; and, exposure adjustment means for changing and exposure to compensate for changes in said brightness of said illumination means as indicated by said brightness modeling means output.

21-26. (cancelled)